Please amend the claims as follows. This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS

Claims 1-70 (Previously Cancelled)

Claim 71 (Currently Amended): A system for providing remote access to ~~a device driver located on a server domain for~~ a peripheral device located on a desktop unit domain, said system comprising:

a network;

at least one driver ~~a device~~ service at said server domain, said at least one driver ~~device~~ service requesting said peripheral device;

a remote bus proxy at said server domain, said remote bus proxy communicating with said peripheral device;

a remote device driver at said desktop unit and locally coupled to said peripheral device, said remote device driver configured to track said peripheral device being associated with said at least one driver service; and

a device manager at said server domain, said device manager controlling communications over said network between said at least one driver ~~device~~ service at said server domain and said remote device driver at said desktop unit domain;

wherein said device manager is further adapted to approve requests to read or send data to said peripheral device via said remote device driver and to control accessibility to said peripheral device via said remote device driver.

Claim 72 (Currently Amended): The system of Claim 71, wherein said network comprises a wide area network and wherein said device manager is further adapted to discover said at least one driver ~~device~~ service, enable said at least one driver ~~device~~ service to use said peripheral device via said remote device driver, notify ~~other device service~~ non-associated driver services of an availability of said peripheral device, and track a connection over said network of said peripheral device with said at least one driver ~~device~~ service.

Claim 73 (Currently Amended): An apparatus for providing access to a plurality of devices located on a desktop domain over a network, comprising:

a desktop domain having a plurality of devices;

a network;

a server domain coupled to said desktop domain via said network;

a remote device driver locally connected to said plurality of devices;

a plurality of driver ~~service~~ services configured to remotely control one or more of said plurality of devices, wherein said remote device driver tracks which one or more of said plurality of driver services communicate with which of said one or more of said plurality of devices; and

a device manager configured to register said one or more of said plurality of driver services with said remote device driver to access said one or more of said plurality of devices;

wherein said device manager is further configured to approve requests to read data from said one or more of said plurality of devices via said remote device driver, to approve requests to send data to said one or more of said plurality of devices via said remote device driver, and to control accessibility to said one or more of said plurality of devices via said remote device driver;

wherein said plurality of ~~drivers~~ driver services and said device manager reside in said server domain;

wherein said plurality of ~~drivers~~ driver services and said device manager are coupled across said network to said remote device driver; and

wherein said remote device driver resides in said desktop unit domain.

Claim 74 (Previously Presented): The apparatus of Claim 73, wherein said desktop unit domain comprises a plurality of Human Interface Devices (HIDs) locally connected to said plurality of devices, wherein said plurality of devices are peripherals of said plurality of HIDs, and wherein said server domain comprises a plurality of servers.

Claim 75 (Previously Presented): The apparatus of Claim 74, wherein said plurality of devices are separated from said server domain via said network and wherein said network comprises a wide area network.

Claim 76 (Previously Presented): The apparatus of Claim 75, wherein said plurality of HIDS can only operate said plurality of devices via said plurality of driver services residing in said server domain.

Claim 77 (Previously Presented): The apparatus of Claim 73, wherein said remote device driver resides in a Human Interface Device (HID) for providing a user interface to operate said one or more of said plurality of devices.

Claim 78 (Previously Presented): The apparatus of Claim 77, further comprising:

a bus device driver locally coupling said remote device driver to said one or more of said plurality of devices; and

a bus proxy remotely coupling said one or more of said plurality of driver services to said remote device driver.

Claim 79 (Previously Presented): The apparatus of Claim 78, wherein said one or more of said plurality of devices are locally connected to said HID and wherein said HID can only operate said one or more of said plurality of devices via said plurality of driver services.

Claim 80 (Previously Presented): The apparatus of Claim 79, further comprising:

a session manager configured to associate one or more sessions with said one or more of said plurality driver services; and

an authentication manager configured to associate said one or more sessions with said HID.

Claim 81 (Previously Presented): The apparatus of Claim 77, wherein said device manager is configured to notify a first driver service of a loss of a network connection to a first device when an associated session of said HID ends.

Claim 82 (Previously Presented): The apparatus of Claim 81, wherein said device manager is further configured to notify said remote device driver that said first driver service is no longer permitted to control said first device.

Claim 83 (Previously Presented): The apparatus of Claim 82, wherein said remote device driver is configured to notify said device manager of a configuration change in said one or more of said plurality of devices.

Claim 84 (Previously Presented): The apparatus of Claim 73, wherein said device manager is further configured to enforce a device access policy for registering said one or more of said plurality of driver services.

Claim 85 (Previously Presented): The apparatus of Claim 84, wherein said device manager is further configured to locate said one or more of said plurality of devices and to maintain an inventory of said one or more of said plurality of devices and said one or more of said respective controlling driver services.

Claim 86 (Previously Presented): The apparatus of Claim 73, wherein said remote device driver comprises a filter for permitting and denying access by one or more of said plurality of driver services and wherein said filter is provided by said device manager via said network.

Claim 87 (Currently Amended): A method for providing access to one or more remote devices over a network, comprising:

receiving by a device manager at a server domain of a device request from a driver service at said server domain;

registering by said device manager of said driver service with a remote device driver at a desktop domain; and

communicating by said driver service with ~~a~~ an associated remote device of one or more remote devices at said desktop domain via said remote device driver;

tracking said associated remote device association with said driver service via said remote device driver;

wherein said registering by said device manager of said driver service comprises controlling accessibility to said associated remote device using said remote device driver, approving requests to read from said associated remote device using said remote device driver, and approving requests to send data to said associated remote device using said remote device driver.

Claim 88 (Previously Presented): The method of Claim 87, further comprising sending device configuration information by said remote device driver to said device manager.

Claim 89 (Currently Amended): The method of Claim 88, further comprising locally exposing said remote device to said associated remote device driver via a bus device driver.

Claim 90 (Previously Presented): The method of Claim 89, further comprising:

associating a session with said driver service via a session manager; and

associating said session with a Human Interface Device (HID) at said desktop unit domain via an authentication manager.

Claim 91 (Currently Amended): The method of Claim 90, wherein said associated remote device is locally connected to said HID and wherein said HID operates said associated remote device via said driver service.

Claim 92 (Currently Amended): The method of Claim 87, wherein said registering ~~and~~ said driver service by said device manager of said driver service further comprises enforcing a device access policy.

Claim 93 (Currently Amended): The method of Claim 87, further comprising maintaining in said remote device driver an association between said associated remote device and said driver service.

Claim 94 (Currently Amended): The method of Claim 87, further comprising maintaining by said device manager of a first inventory of remote devices located locally on a Human Interface Device (HID) at said desktop unit domain and a second inventory of ~~a~~ respective driver services at said server domain controlling said inventoried remote devices.

Claim 95 (Currently Amended): The method of Claim 87, further comprising notifying said driver service by said device manager of a loss of a network connection to said associated remote device.

Claim 96 (Currently Amended): The method of Claim 95, wherein said loss of said network connection to said associated remote device is in response to the closing of an associated session by a user on a Human Interface Device (HID) at said desktop unit domain.

Claim 97 (Currently Amended): The method of Claim 96, further comprising notifying said remote device driver by said device manager that said driver service is no longer permitted to control said associated remote device.

Claim98 (Previously Presented): The method of Claim 97, wherein said network connection comprises a wide area network connection.

Claim 99 (Currently Amended): An apparatus for providing access to one or more peripheral devices over a network, comprising:

a wide area network;

a plurality of peripheral devices;

a Human Interface Device (HID) locally coupled to said peripheral devices, said HID comprising a remote device driver coupled to said plurality of peripheral devices; and

a server coupled to said HID over said wide area network, said server comprising:

a plurality of driver services configured to remotely control said plurality of peripheral devices for said HID over said wide area network, wherein said remote device driver tracks which one or more of said plurality of driver services communicate with which one or more of said plurality of peripheral devices; and

a device manager configured to register said one or more of said plurality of driver services with said remote device driver to access said one or more of said plurality of peripheral devices;

wherein said device manager is further configured to approve requests to read data from said one or more of said plurality of peripheral devices via said remote device driver, to approve

requests to send data to said one or more of said plurality of peripheral devices via said remote device driver, and to control accessibility to said one or more of said plurality of peripheral of remote devices via said remote device driver.

Claim 100 (Previously Presented): The apparatus of Claim 99, wherein said plurality of driver services are separated from said HID via said wide area network.

Claim 101 (Previously Presented): The apparatus of Claim 100, wherein said device manager is also configured to discover said one or more of said plurality of driver services, to enable said one or more of said plurality of driver services to use said one or more of said plurality peripheral devices via said remote device driver, to notify other driver services of an availability of said one or more said plurality of peripheral devices with said one or more of said plurality of driver services.